

WOJCIESZAK, I.

MISSIURE, W.; KOZLOWSKI, St.; WOJCIESZAK, I.

Effect of cerebral cortical function on working capacity during action of certain environmental stimuli. Acta physiol. polon. 5 no.4:538-543 1954.

I. Z Zakladu Fizjologii Pracy Akademii Medycznej i Zakladu Fizjologii Instytutu Naukowego Kultury Fizycznej w Warszawie. Kierownik: prof. dr Wl. Missiure.

(CAFFEINE, effects,

on working capacity after exposure to environmental stimuli)

(BROMIDES, effects,

on working capacity after exposure to environmental stimuli)

(WORK,

eff. of bromides & caffeine on working capacity after exposure to environmental stimuli)

(ENVIRONMENT,

eff. of bromides & caffeine on working capacity after exposure to environmental stimuli)

WOJCIESZAK, I.

ROMANOWSKI, W.; SIEDLNIK, J.; WOJCIESZAK, I.

Modification of activity of cholinesterase during increased emotional states before examination and competitions. Acta physiol Pol 5 no.1:93-105 '54. (HEAL 3:7)

1. Z Zakladu Fizjologii Instytutu Naukowego Kultury Fizycznej.
Kierownik: prof. dr Wl. Missiuro i z Zakladu Fizjologii Cialowicza
Akademii Medycznej w Warszawie. Kierownik: prof. dr Fr. Czubalski.

(CHOLINESTERASE, in blood,

*eff. of emotions)

(BLOOD,

*cholinesterase, eff. of emotions)

(EMOTIONS, effects,

*on cholinesterase in blood)

Wojcieczak, I.

POLON

Influence of functional state of cerebral cortex on capacity for work. W. Mislak, S. Koziowski, and I. Wojcieczak. *Bull. Acad. Polon. Sci., 1954, 2, 171-178* (Dept. of Physiol. Sch. of Med., Warsaw, Poland).—Individual variations were observed in the amount of work, as measured on an ergograph, which an individual could perform when working alone as compared with when working with others doing the same work. Variations also occurred according to whether the companion was better or worse at doing the work. Caffeine administration prior to the work to those normally showing a decrease when working in company resulted in an increase, whilst NaBr administration to those showing an increase when working in company resulted in a decrease in the amount of work they could perform in company. (French) A. ACKROD.

WOJCIESZAK, I.

MISSIURE, Wl.; KOZLOWSKI, St.; WOJCIESZAK, I.

Effect of functional conditions of the cerebral cortex on working capacity under the influence of certain external stimuli. Acta physiol. hung. Suppl. no.6:15-16 1954.

1. Abteilung fur Physiologische Arbeiten der Medizinischen Akademie, Warschau.

(WORK

capacity, eff. of cerebral cortex stimulation)

(CEREBRAL CORTEX, physiol.

eff. of stimulation on working capacity)

WOJCIESZAK, I.; JAWORSKI, J.

Attempted establishment of warm-up for swimmers and its practical effectiveness. Acta physiol. polon. 8 no.3:571-572 1957.

1. Z Zakladu Fizjologii Instytutu Naukowego Kultury Fizycznej. Dyrektor:
prof. dr Wl. Missiuro.

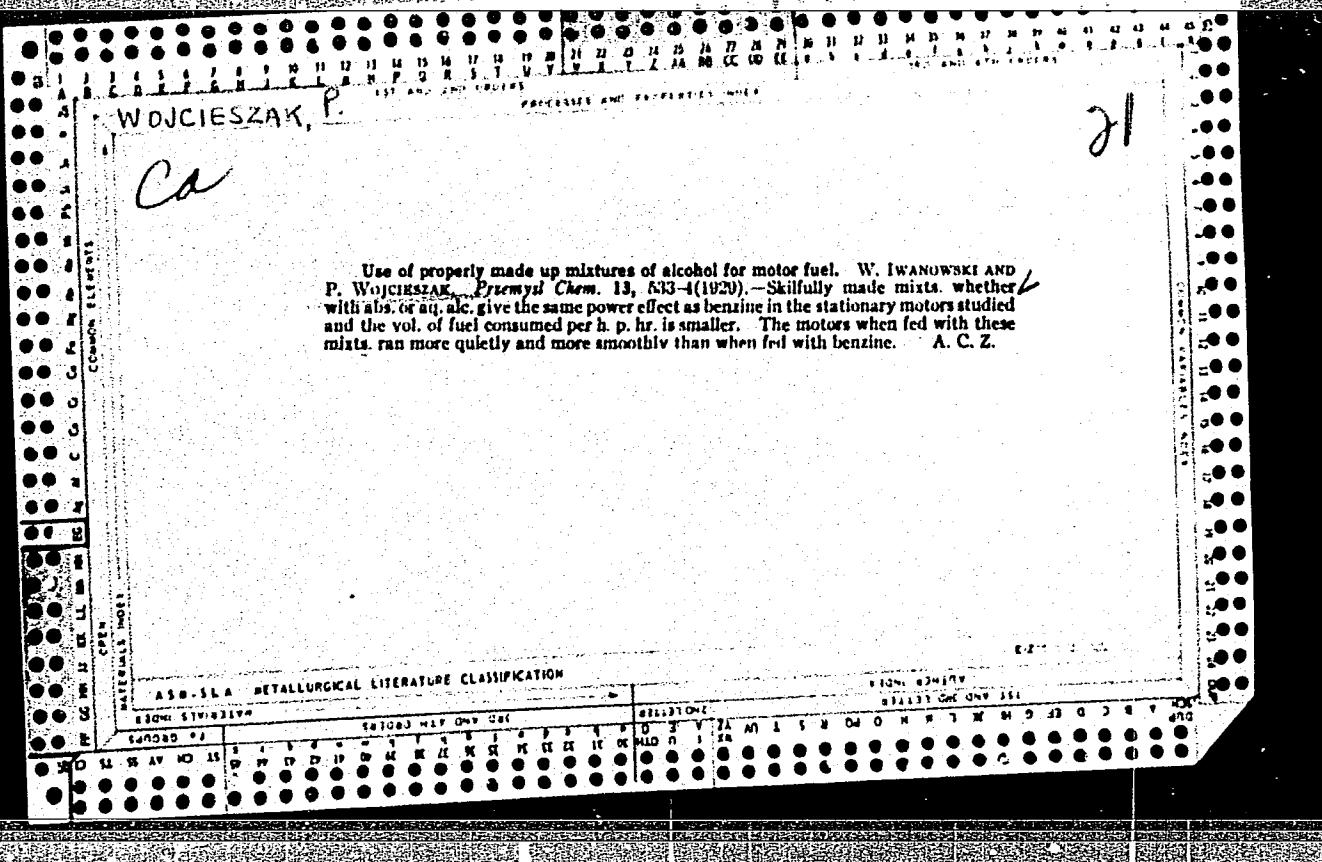
(ATHLETICS,

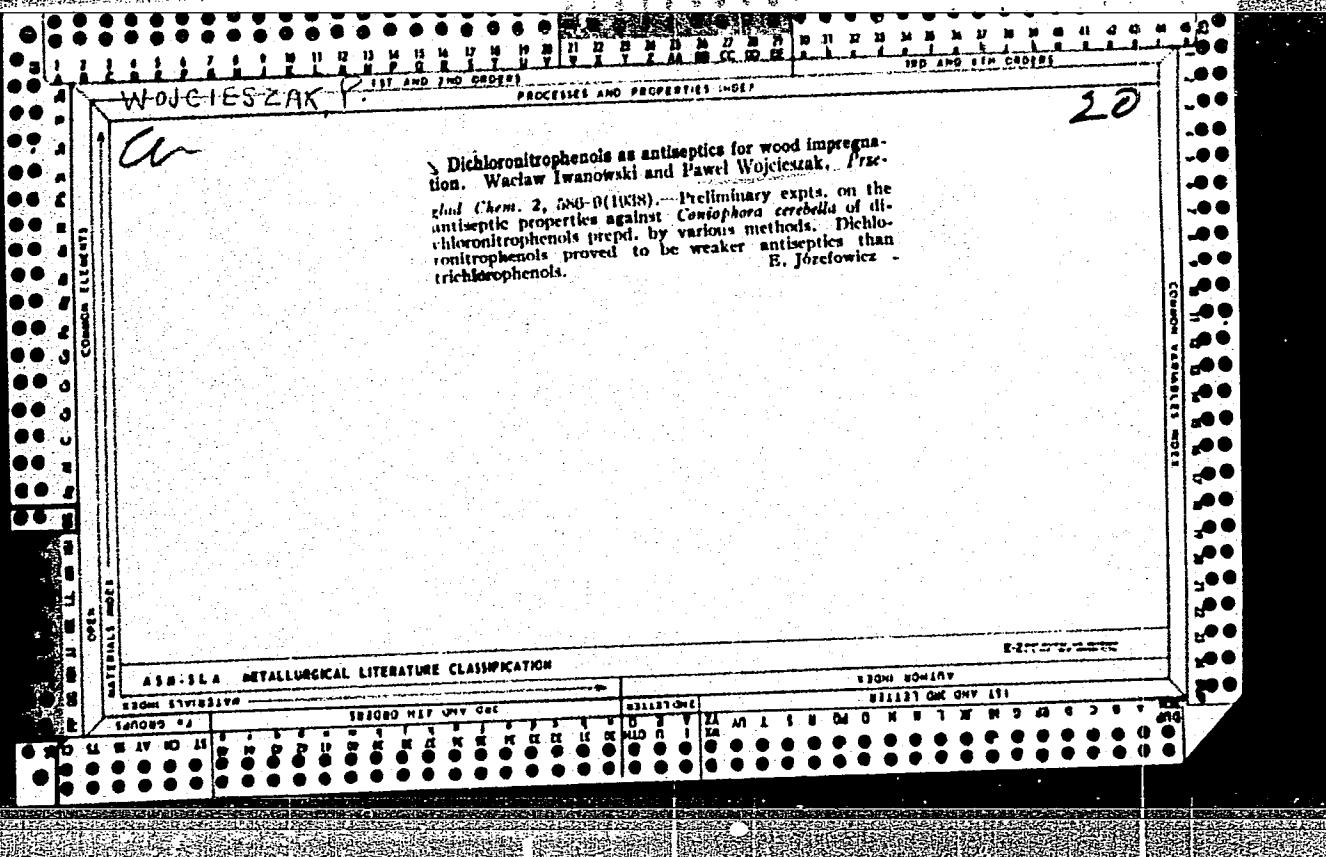
swimmer's warm-up (Pol))

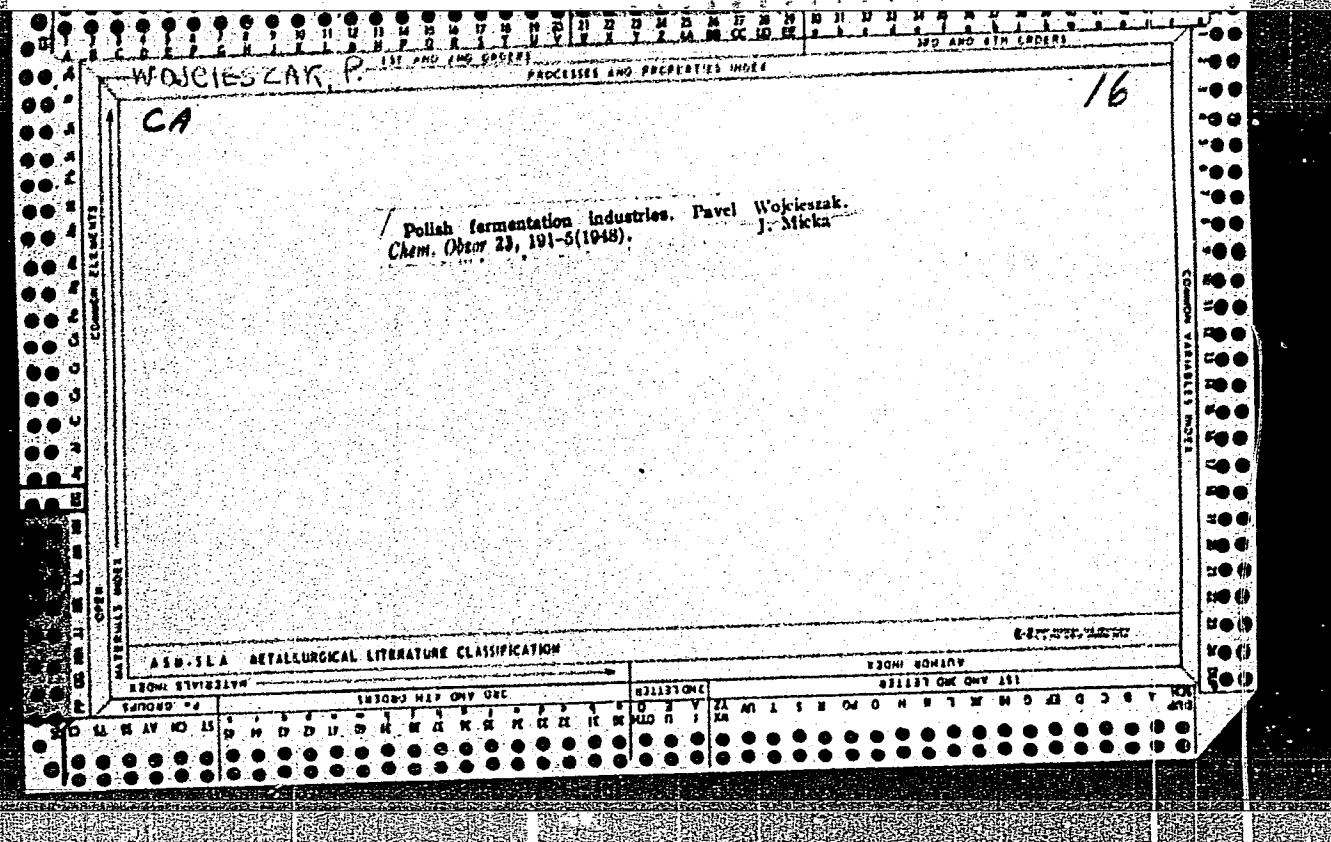
GORSKI,W.; WOJCIESZAK,J.; WALICKI, K.

Studies on regeneration in simple muscle atrophy. Chir.
narzad. ruchu ortop. pol. 28 no.5:497-498 '63.

1. Z Zakladu Fizjologii INKF w Warszawie; (dyrektor: prof.
dr. W. Missiuro) i z Katedry Rehabilitacji AM w Konstancinie
(kierownik: doc.dr. M.Weiss).







Wojciechak P.
P.O.L.

3170

001.22(438)

Wojciechak P., Wilkowksi T. A Tentative Characterization of Polish Wines.

"Próba charakterystyki win polskich". Przemysł Rolny i Spożywczy, No. 52, 1953, pp. 410-422, 14 tabs.

An attempt was made, on the basis of 690 analyses, to delineate the characteristics of Polish fruit wines. The following ranges of sweetness of both white and red wines were examined: — dry, semi-dry, semi-sweet and sweet, and the following conclusions were arrived at:
— 1) the Polish wine industry is completely effective in protecting wines from turning to vinegar; 2) the alcohol content of wines achieves a considerable degree of uniformity and is always in excess of the minimum established by law; 3) the sugar content, especially in dry, semi-dry and semi-sweet wines, generally exceeds the minimum regulation content; 4) the extract (not counting sugar) is regularly considerably in excess of the legal requirement; 5) the total acidity of red wines generally remains within the prescribed limits; in white wines, however, it does not always conform; 6) Polish wines are immature and insufficiently aged but possess, nevertheless, a satisfactory steadily improving blending of flavours.

WOJCIESZAK, P.

Biochemistry of grain processing. p. 490.

PRZEMYSŁ SPOŻYWCZY. Warszawa. Vol. 9, no. 12, Dec. 1955.

SOURCE: East European Accessions List (EEAL) LC, Vol. 5, no. 3, Mar. 1956

Wojcieszek, Pawel

Poland /Chemical Technology. Chemical Products
and Their Application

I-31

Fermentation industry

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 32906

Author : Wojcieszek Pawel, Rzedowski Wieslaw, Wasilewski
Zygmunt

Title : Production of Wine with the Use of Diffusion
Alcoholization

Orig Pub: Przem. spozywczy, 1955, 9, No 9, 292-293

Abstract: In order to work out the optimal conditions of bouquet development in alcoholized fruit-wine a study was made of diffusion alcoholization (DA) of apple-wine. A chemical and organoleptic comparison was made of apple-wine of conventional fermentation, alcoholized by simple addition of

Card 1/2

Poland /Chemical Technology. Chemical Products
and Their Application

I-31

Fermentation industry

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 32906

alcohol, with that subjected to DA according to
the Deibner-Benard method. DA results in greater
uniformity and milder flavor characteristics than
a simple addition of alcohol.

Card 2/2

WOJCIESZAK, PAWEŁ.

WOJCIESZAK, PAWEŁ.

Fermentacja clasta na drożdżach i zakwasie. (Wyd. 1.) Warszawa, Wydawn. Przemysłu Lekkiego i Spożywczego, 1956. 88 p. (Biblioteka piekarza) (Fermentation of dough by the use of yeasts and leavens. 1st ed.) DA Not in DLC Poland

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

POLAND/Chemical Technology. Chemical Products and H
Their Uses. Part III. Food Industry.

Abs Jour : Ref Zhur-Khimiya, № 15, 1958, 51830

Author : Wojcieszak, Paweł

Inst :

Title : Continuous Process for Dough Fermentation
and Mixing.

Orig Pub : Przegl. pickarn. i cukier., 1957, 5, № 12,
8-11

Abstract : Two continuous, dough-mixing installations
of Gatilin and Rabinovich designs were de-
scribed.

Card : 1/1

WOJCIESZEK, Janusz; WSZELAKI-LASS, Ewa; WOZNICZKO, Jerzy

Clinical and laboratory evaluation of Viadril G in short-time
gynecologic interventions. Pol. tyg. lek. 20 no.10:357-358
8 Mr '65.

1. 7 ! Kliniki Poloznictwa i Chorob Kobiecyh Akademii Medycznej w Gdansku (Kierownik: prof. dr. med. Stefan Metler).

HILINIAK, Andrzej; DARLEWSKI, Jerzy; HILINIAK, Irena; LOBODZIEW, Włodzimierz;
WOJCIECHOWSKI, Zbigniew; PETRYNA, Alicja.

Comparison of the size of x-ray irradiation fields to the route
of metastases of cervical cancer. Nowotwory 14 no. 3:217-220
Ag-S '64.

1. Z Zakładu Rentgenoterapii Instytutu Onkologii w Gliwicach
(Kierownik: dr. med. A. Hilniak; Dyrektor: dr. med. J. Świaski).

WOJCIESZYN, Michal

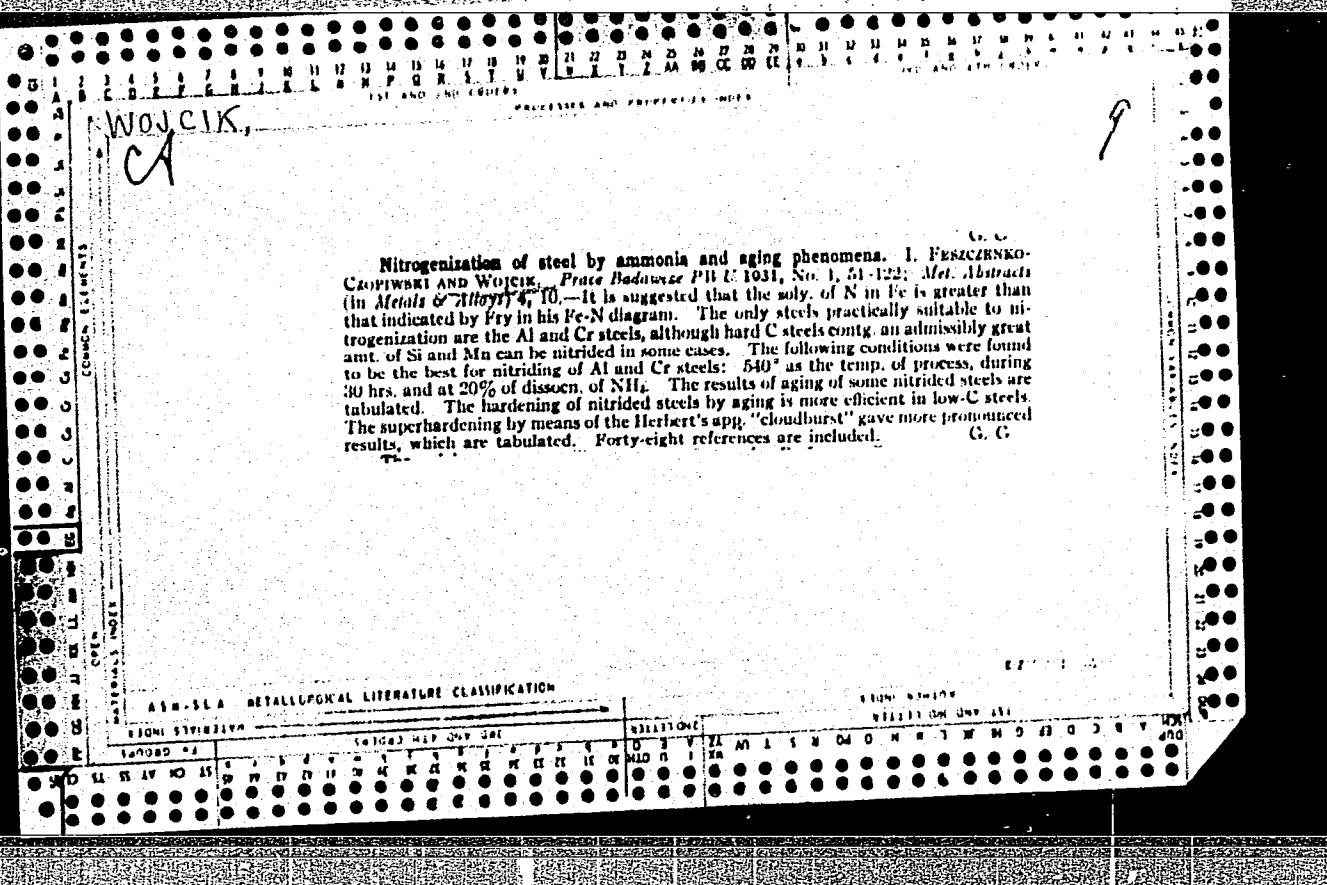
Tonsillectomy in rheumatic fever in children. Wiad. lek. 18
no.10:815-819 15 My '65.

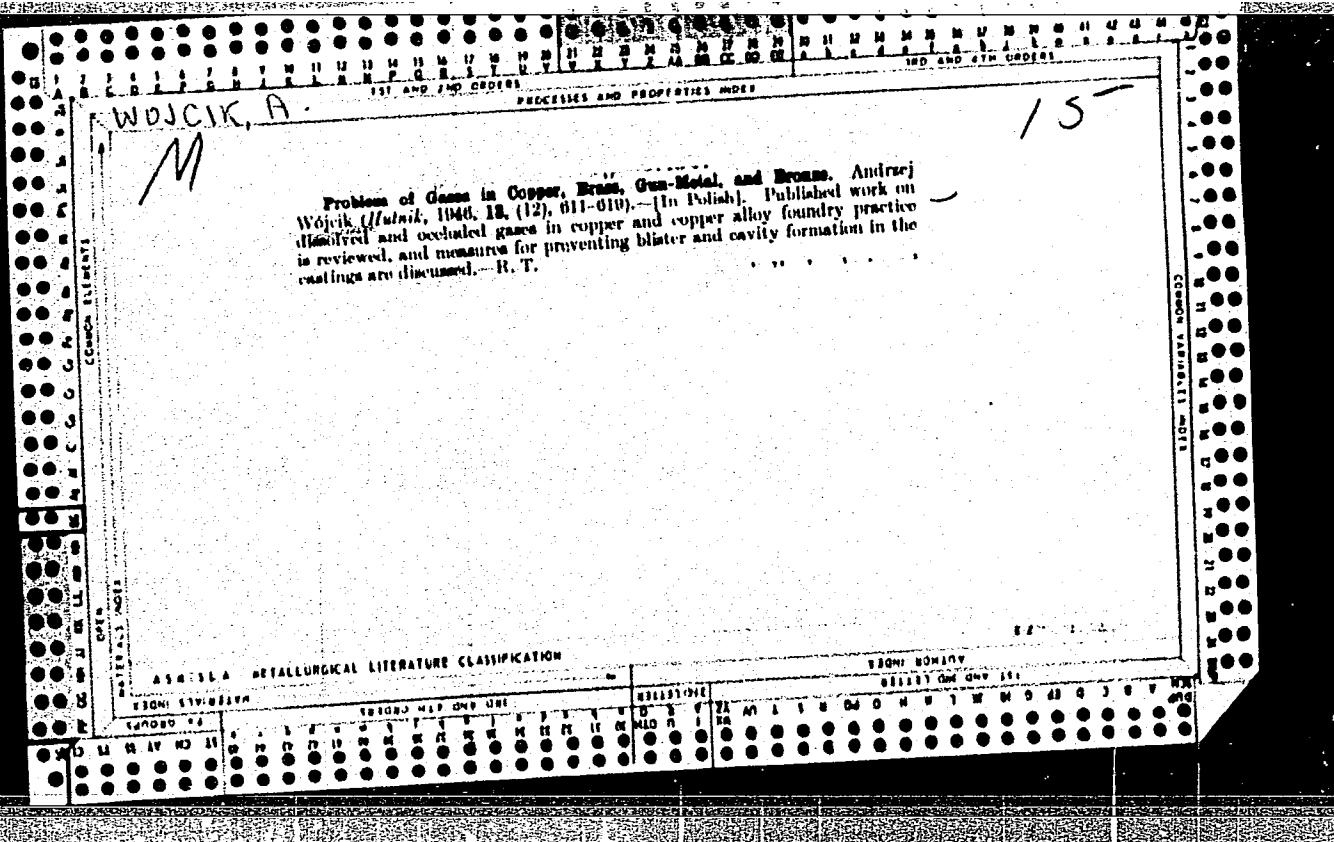
1. Z Kliniki Otolaryngologicznej Pomorskiej AM w Szczecinie
(Kierownik: prof. dr. med. J. Taniewski).

WOJCIK, Andrzej, mgr inz.

Tests of the steel gate of a dry dock. Tech gosp morska
14 no. 4:110-112 Ap '64.

1. Foundation Institute, Technical University, Gdansk.





P.T.A. WOJCIK, A.

Metallurgy

695

621.79 - 600 35.5

Wojciech A. Technological and Qualitative Problems for Brass Rods.
Zagadnienia technologiczne i jakościowe miedzianych prętów
Rozw. 1947, Cenz. Ser. Prace Inst., 83, pp. 416-231 (1947).

Melting process. Casting process. Quality of castings. Faults in

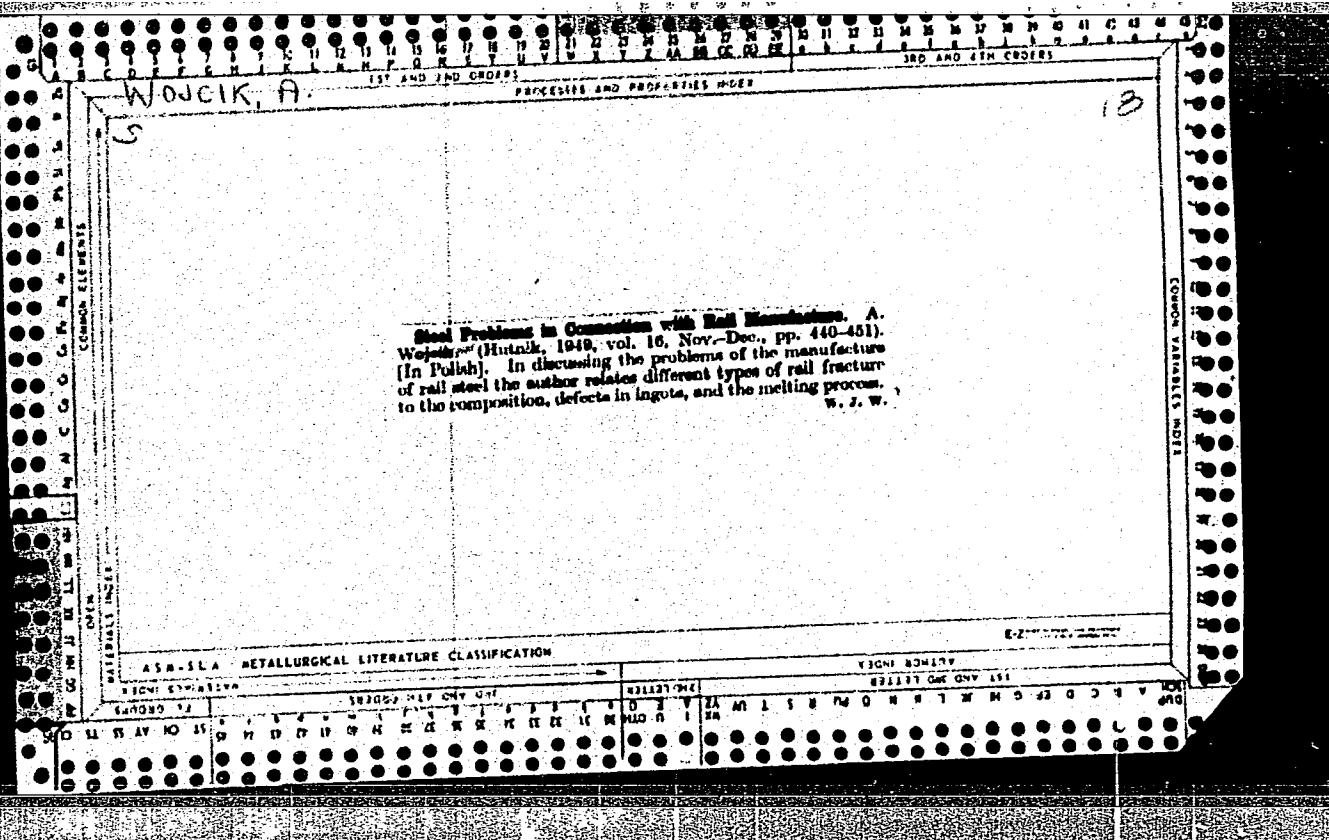
the casting of rods. Hot-plate processing. Pressing in by hydraulic pres-

ses. Cracks in the pressing of rods. Annealing of rods. Extruding and

straightening the rods. Internal stresses. Temperature the rods. Tension

and pressure tests. Machinability. Influence of extraneous elements on the properties

of brass. Machinability.



P.T. A. WOJCIK, A.

5

621.771 : 649.14-123

232
Wojcik, A. - Eng. Quality Problems in Rail Rolling.
"Jakościowe zagadnienia walczownicze szyn kolejowych". Hutnik.
No 5-6, 1966, pp. 108-113, 10 figs.

The article discusses the decisive influence of the following three factors upon the properties of rails: the size of grain, the art of roll pass design and quenching quickness after rolling. A considerable percentage of rejects was caused by the cracking of the rail foot alongside acicular crystals vertical to the rail foot. Bartschre's method of roll design. Other causes of rejects, such as the presence of hydrogen, the causes of the occurrence of flaws and means generally employed to diminish them. Inconstant solubility of structural constituent of steel in relation to temperature and the causes of ageing. The results of a certain number of tests made to obtain rails of a high degree of hardness. Sandberg's method and the method of water cooling for the purpose of obtaining the sorbitisation of rail heads. Critique of taking-over conditions of rails with reference to rail head hardness. Discussion on hardness and on the abrasion of rails. Results of research into the problem of corrosion in rails which had worked under different conditions.

M.Wallury Jr

P.T.A. WOJCIK, A.

621.771.26

670 Wojcik, A. The Superficial Hardening of the Head of a Rail.

„Powierzchniowe hartowanie główek szyn kolejowych”. „Hutnik” No. 5, 1951, pp. 189–196, 15 figs., 1 tab.

Comparison of hardening the head of a rail with Sandberg's „orbitalizing”. The apparatus for hardening the head of rail. The factors governing the depth of hardened case. The distribution of the hardness on the section of a head of the rail. Tests with a drop hammer. Conclusions, relating to specifications. The possibility of heating hardened rails for bending. Influence of manganese on hardness penetration

WOJCIK, A.

Surface-hardening of rail heads. A. Wojcik (*Hutnik*, 1951, 18, 189-196; *J. Iron Steel Inst.*, 1952, 170, 169).—Equipment and costs for surface-hardening rails are discussed, and the "sorbitic" and

Sandberg methods compared. Factors influencing the depth of hardened layer, distribution of hardness over the cross-section of the rail head, and the possibility of heating hardened rails for bending are considered.

R. B. CLARKE.

P/039/62/000/012/001/001
D001/D101

AUTHOR: Wójcik, Andrzej, Doctor of Engineering

TITLE: Apparatus for the determination of hydrogen in steel

PERIODICAL: Hutnik, no. 12, 1962, 458-464

TEXT: This is a detailed description of an apparatus used at the "Batory" metallurgical plant for hot extraction and determination of hydrogen in steel. The apparatus was conceived in 1950 and used by the author in 1951-1955 at the "Kościuszko" metallurgical plant in preparing his yet unpublished doctor's thesis "The problem of hydrogen in rail steel". The assembly consists of an apparatus for hydrogen extraction in Torricellian vacuum at 600°C, an auxiliary apparatus for storage of steel samples before extraction, and of a casting mold. The extraction apparatus consists of a refractory glass or quartz tube as an extraction receptacle for steel samples up to 250 mm long and 36 mm in diameter, a measuring burette on top of the tube to measure evolving hydrogen, a mercury-filled U-tube linked to the burette and used to balance inside hydrogen and outside air pressure before reading the volume of hydrogen, an aluminum cooling coil which links

Card 1/2

P/039/62/000/012/001/001
D001/D101

Apparatus for the determination of ...

the extraction tube and the burette, a detachable resistance oven which encloses the extraction tube, a mercury container linked to the bottom end of the extraction tube, and a CO₂ steel cylinder used to pressurize the mercury and thus expel air from the system. Upon expulsion of air and depressurization, Torricellian vacuum forms at the top of the burette. The steel sample is heated at 600°C for 2 hours, the apparatus cooled to ambient temperature, and the volume of hydrogen in the burette measured upon admission of atmospheric pressure by means of the U-tube. The use of a quartz extraction tube permits extraction temperatures of 1,000°C. The accuracy of hydrogen determination is 0.05 cm³ per 100 grams of steel for a 500 gram sample. There are 7 figures.

ASSOCIATION: Zakład Badawczy Huty "Batory" (Test Center of "Batory" Metallurgical Plant)

Card 2/2

HUGKEL, Stanislaw; WOJCIK, Andrzej

Simplified methods of investigating the influence of seepage pressure in calculations of the stability of soil supported by sheet pile. Rozpr hydrotechn no.13:107-126 '63.

WOJCIK, Andrzej, dr.inz.

Problem of hydrogen in forgings for ship crankshafts.
Hutnik P 30 no.7/8:245-253 Jl/Ag'63.

1. Huta Batory.

WOJCIK, Andrzej, dr inz.

Problem of determining hydrogen in steel. Hutnik P 30 no.9:
281-290 S '63.

WOJCIK, Andrzej, dr inz.

Quality achievements in vacuum casting of steel in the
Batory Steel Works. Hutnik P 30 no.12;407-416 D '64.

1. Huta Batory, Chorzow.

WOJCIK, Andrzej, dr inz.

Hydrogen in rail steel. Hutnik 31 no.3:76-85 Mr '64.

1. Batory Steelworks, Katowice.

L 44096-66 EWP(W) WW

ACC NR: AP6022172 (N,A) SOURCE CODE: PO/0087/66/000/003/0100/0103

AUTHOR: Wojcik, Andrzej (M. Eng.; Gdansk)

502
B

ORG: Hydraulic Engineering Institute, PAN, Gdansk (Instytut Budownictwa Wodnego PAN)

TITLE: Use of air-bubble screens to block free propagation of shock waves

SOURCE: Technika i gospodarka morska, no. 3, 1966, 100-103

TOPIC TAGS: ~~air-bubble screen~~, shock wave propagation, shock wave interaction

ABSTRACT: The article deals with the principles of operating air-bubble screens and their potential applications with respect to preventing underwater propagation of explosion-produced shock waves. The Hydraulic Engineering Institute has begun work on shock-wave and bubble-screen interaction. Preliminary tests took place in August and September 1965, after construction of a microsecond-pulse measuring research set by the Marine Electronics Laboratory, Gdansk Polytechnical University,

Card 1/2

L 44096-66

ACC NR: AP6022172

(which was operated in conjunction with a nanosecond cathode oscilloscope), and after adapting a bubble screen to the tests. By using charges of 1 to 76 g, shock-wave pressure reductions of 95 to 98% from pressures registered right in front of the screen, were obtained. Preliminary testing was followed by systematic research in order to explain shock-wave and bubble-screen interaction. Orig. art. has: [DR] 6 figures and 12 formulas.

SUB CODE: 20/ SUBM DATE: none/ ORIG REF: 005/ SOV REF: 004/
OTH REF: 005/

Card

2/2 LC

BOJ, Ewa; WOJCIK, Barbara

A case of European torulosis of the central nervous system. Pol.
tyg. lek. 19 no.25:958-959 15 Je'64

1. Z Zakładu Anatomii Patologicznej Akademii Medycznej w
Gdańsku (kurator: prof. dr. med. W. Czarnoski) i z Kliniki
Chorób Nerwowych Akademii Medycznej w Gdańsku (kierownik:
prof. dr.med. Z. Majewska).

MROZEWSKI, Stefan; WOJCIK, Barbara

Studies on the fruit of black lilac Sambucus Nigra and attempts
of using them in the food industry. Przem spoz 15 no.11:42-45 '61.

1. Zaklad Technologii Owocow i Warzyw Szkoły Głównej Gospodarstwa
Wiejskiego w Warszawie.

LAPIS, Janusz; MANDAT, Alina; SZYMANSKA, Hanna; przy wspoludziale laborantki
WOJCIK, Barbary

On the activity of some serum enzymes in liver cirrhosis. Pol. arch.
med. wewnet. 32 no.2:193-199 '62.

1. Z II Kliniki Chorob Wewnętrznych PAM w Szczecinie Kierownik: prof.
dr med. E. Gorzkowski.

(LIVER CIRRHOSIS blood) (ENZYMES blood)

ROSA, Jadwiga (Warszawa); WOJCIK, Barbara (Warszawa)

The sole, a useful fruit in the food industry. Przem spoz 15
no.9:48-49 '61.

KEYDANA-JEDRZEJEWSKA, Barbara; WOLANSKA, Aniela, przy współudziale
technicznym WOJCIK, Danuty

Pseudohyperpotassemia during the course of thrombocytopenia.
Pol. arch. med. wewn. 33 no.3:331-336 '63.

1. Z Oddziału Wewnętrznego Instytutu Gruźlicy w Warszawie
Kierownik: prof. dr med. B. Jochweds i z Pracowni Analitycznej
Instytutu Gruźlicy w Warszawie Kierownik: dr med. A. Wolanska
Dyrektor Instytutu Gruźlicy: prof. dr med. W. Jaroszewicz.
(HYPERKALEMIA) (THROMOCYTOPATHY)

GRUDZINSKI, S.; KOTELKO, A.; WOJCIK, E.

Studies on cyanomethyl esters. Pt. 4. Acta chim 9:83-91 '64.

1. Institute of Technology of Drugs of the School of Medicine,
Lodz. Presented Nov. 1962.

(A) L 1207-66 EWT(d)/FSS-2/EWA(h) JKT
ACCESSION NR: AN5022185 PO/9000/65/000/193/0002/0002

AUTHOR: Wojcik, E. (Graduate captain)

TITLE: Problems in the development of military theory. Air defense of forces on the modern battlefield

SOURCE: Zolnierz wolnosci, no. 193, 1965, 2

TOPIC TAGS: fighter aircraft, air defense tactic

ABSTRACT: This article discusses the air defense of ground forces in modern warfare. This type of defense is divided into passive defense (decentralization, mobility, camouflage) and destructive defense (destruction of enemy weapons in the air). The means of air attack discussed include tactical fighters, low-level fighter-bombers, air-to-ground missiles, conventional missiles and remote controlled missiles, missile-aircraft of the tactical air force, and armed piston-engine aircraft intended for the direct support of ground forces. The means of air defense discussed include fighter aircraft, anti-aircraft rockets, and conventional anti-aircraft artillery. It is noted that the tasks of fighter aircraft have now shifted from air interception to the support of ground combat operations. The task of air defense, in particular of air defense of front line forces has now been taken over from fighter aircraft by anti-aircraft rockets. It is also noted that in 1950's fighter aircraft were required to intercept enemy aircraft for 75% of their total operations and Card 1/2

L 1207-66

ACCESSION NR: AN5022185

O
to combat ground objects for 25%, while at present the position is reversed. The diminished role of fighter aircraft in air defense is paralleled by their increased role in offensive operations.

ASSOCIATION: None

SUBMITTED: 00

ENCL: 00

SUB CODE: MS

NO REF SOV: 000

OTHER: 000

mlb
Card

L 32528-66 FSS-2
ACC NR: AN5022186

(A)

SOURCE CODE: FO/9000/65/000/194/0002/0002

AUTHOR: Wojcik, E. (Captain, General Staff College Graduate)

ORG: none

TITLE: Air defense for the troops on modern battlefields

SOURCE: Zolmierz volnosci, no. 194, 1965, 2

TOPIC TAGS: antiaircraft missile, air defense aircraft, air defense missile, fighter aircraft, aircraft defense, machine gun, conventional warfare, military operation, air defense system

ABSTRACT: It is stated that existing 100-150 km range antiaircraft missiles, designed to destroy enemy aircraft at medium and high altitudes, do not give effective cover to troops and military objectives in the area near the front because of their low degree of mobility and minimal chance of destroying low altitude targets. But together with fighter aircraft these missiles form an effective air defence system for the area of operations and the rear. In cases where fighter aircraft, together with 100-150 km range antiaircraft missiles, cannot effectively defend the troops and military objectives in areas near the front, 28-30 km range antiaircraft missiles designed to destroy enemy aircraft at medium and low altitudes are available, as well as the "Mauler" and "Redeye" in the USA, the "Tigercat" in Great Britain, and the "Wega" in

Card 1/2

L 32578-66

ACC NR: AN5022186

Italy. Antiaircraft missiles giving cover to troops can be modified to destroy ground-to-ground type missiles in flight and further cover to the troops will be provided by special antiaircraft missile systems currently being developed and expected to appear in the nineteen seventies. Consequently, if the air defense of the troops in the area of operations and the rear is based on fighter aircraft and antiaircraft missiles, and in the area near the front mainly on missiles, there is no need to keep large numbers of specially organized antiaircraft artillery units. The present trend is toward antiaircraft artillery consisting, in the main, of small caliber highly mobile guns mounted on cars or trucks capable of destroying enemy targets in the air and on the ground. It is concluded that after antiaircraft missiles are introduced in the armed forces on a large scale, they will form, together with the small caliber artillery and multicaliber machine guns, a sufficiently strong air defense system for troops at the front.

SUB CODE: 15,16 SUBM DATE: 00 ORIG REF: 000 OTH REF: 000

LS
Card 2/2

POLACZEK-KORNECKI, Tadeusz; POCHOPEN, Franciszek; WOJCIK, Emilia

Treatment of the localized inflammation of the bronchial mucosa
in the course of the lymph node pulmonary tuberculosis. Gruzlica
33 no.9 779-783 S ' 65.

1. Z Oddzialu Gruzlicy Pluc i Dzieci Miejskiego Szpitala Spec-
jalistycznego w Krakowie (Ordynator: dr. med. F. Pochopen) i z
Oddzialu Anestezjologicznego III Kliniki Chirurgicznej AM w
Krakowie (Kierownik Kliniki: doc. dr. M. Politowski).

WOJCIK, F.

Computation of thermal expansion joints for heavy machinery, p.102.

PREZEGIAD MECHANICZNY (Stowarzyszenie Inżynierów i Techników Mechaników Poliskich) Warszawa, Poland. Vol. 18, no. 4, February, 1959.

Monthly list of East European Accessions Index, (EEAI) LC. Vol. 8 $\frac{1}{2}$ no. 66.
June, 1959.
unclu.

SOLSKI, Paweł, doc. dr. inż.; BUCH, Alfred, doc. inż.; GORSKI, Eugeniusz, dr. inż.; KOCANDA, Stanisław, dr. inż.; WOJCIK, Franciszek, doc., dr. inż.; PYTKO, Stanisław, mgr. inż.; ROZNOWSKI, Tadeusz, mgr. inż.; KACZMAREK, Jan, doc. dr. inż.; KELLER, Włodzimierz, mgr. inż.; CEGIELSKI, B., mgr. inż.; ZIEMBA, Stefan, prof. zwycz. dr. inż.; JANECKI, Janusz, pplk. dr. inż.

The 1st Problematic Conference on: "The role and research methods of the subtersurface layer." Summary of major voices in the discussion. Przegl. mech. 21 no.13:411-413 10 Jl '62.

1. Politechnika, Warszawa (for Solski, Keller).
2. Instytut Mechaniki Precyzyjnej, Warszawa (for Buch).
3. Wojskowa Akademia Techniczna, Warszawa (for Kocanda, Ziembra and Janecki).
4. Politechnika, Szczecin (for Gorski).
5. Politechnika, Gdańsk (for Wojcik).
6. Akademia Górnictwa-Hutnicza, Kraków. (for Pytko).
7. Instytut Podstawowych Problemów Techniki, Polska Akademia Nauk, Warszawa (for Roznowski).
8. Instytut Chrobotki Skrawniem, Kraków (for Kaczmarek).
9. Politechnika Poznań (for Cegielski).

L 04434-67

ACC NR: AP6006508

SOURCE CODE: P0/0034/65/000/010/0432/0434

AUTHOR: Tarocinski, Zdzislaw (Dr. Engineer); Wojcik, Franciszek (Master Engineer)

ORG: Department of Electrical Apparatus of Lodz Polytechnical Institute (Katedra Aparatow Elektrycznych Politechniki Lodzkiej) 32
BTITLE: Using an amplitude clipper (limiter) in testing electrical switches

SOURCE: Pomiary, automatyka, kontrola, no. 10, 1965, 432-434

TOPIC TAGS: electric switch, arc lamp, voltage divider

ABSTRACT: The operating principles of current and voltage clipper-limiters are discussed. The magnetic and diode clipper-limiters built at the Department of Electrical Apparatus of Lodz Polytechnical Institute are used in testing arc current and arc voltage, voltage during switch contact bounce and in systems for releasing the time base of cathode oscilloscopes. At the Department of Electrical Apparatus measurements of arc output were made with the aid of the power loops of a loop oscilloscope or with the aid of a system with a "halotron" multiplying element. Orig. art. has: 11 figures.

SUB CODE: 09/ SUBM DATE: none/ ORIG REF: 006/ OTH REF: 001

awm

1/1

UDC: 621.317.7.089.6:621.395.664.3

WOJCIK, Henryk

Two horizons worked with one pump. Wiad naft 10 no. 6: 147-149
Je '64.

L 30053-66

ACC NR: AP6006507

SOURCE CODE: P0/0034/65/000/010/0430/0431

AUTHOR: Lesinski, Slawomir (Master Engineer); Tarocinski, Zdzislaw (Dr.; Engineer);
Wojcik, Franciazak (Master Engineer)35
BORG: Department of Electrical Apparatus of the Lodz Polytechnical Institute
(Katedra Aparatow Elektrycznych Politechniki Lodzkiej)

TITLE: Electronic synchronization systems and tripping; the time base of cathode ray oscilloscopes

SOURCE: Pomiary, automatyka, kontrola, no. 10, 1965, 430-431

TOPIC TAGS: oscilloscope, time signal, tripper circuit, cathode ray tube

ABSTRACT: Certain problems are discussed which are associated with the design, structure and operation of electronic synchronization systems and tripping devices required when it is desired to record currents in the region of their passage through zero value, and recovery voltages. A type of each device and their specifications are discussed, in particular the time base tripping device in recording single and recurrent transients in which case it operates at a speed of 5 s/cm. Orig. art. has 4 figures and 1 table.

SUB CODE: 09/ SUBM DATE: none/ ORIG REF: 004/ SOV REF: 001/ OTH REF: 002

Card 1/1 90

L-30046-66

ACC NR: AP6006510

SOURCE CODE: P0/0034/65/000/010/0441/0442

28
BAUTHOR: Lesinski, Slawomir (Master Engineer); Wojcik, Franciszek (Master Engineer)ORG: Department of Electrical Apparatus, Lodz Polytechnical Institute (Katedra Aparatow Elektrycznych, Politechniki Lodzka)

TITLE: Measurement of the frequency of free oscillations of low voltage circuits with the aid of a universal recovery voltage indicator of low output capacitance

SOURCE: Pomiary, automatyka, kontrola, no. 10, 1965, 441-442

TOPIC TAGS: electric measurement, electric measuring instrument, free oscillation

ABSTRACT: The article describes a universal recovery voltage indicator designed and built at the Department of Electrical Apparatus of the Lodz Polytechnical Institute which can be used practically without restrictions for determining the frequency and damping of free oscillations of low voltage circuits or their elements. The formation stages of the current pulses are described. In the case where an oscilloscope with a voltage divider of less than 12 pF capacitance is used to record the course of the voltage of the free oscillations of circuits of less than 300 pF capacitance, the effect of the capacitance of the divider and of the indicator may be neglected and the measurement error will not exceed 5%. Orig. art. has 5 figures, 2 formulas and 1 table.

SUB CODE: 009/ SUBM DATE: none/ ORIG REF: 003
Card 1/1 UDC: 621.3.018.621.319.5

WOJCIK, Ireneusz

Technological methods of modifying certain properties of the
alloy-difused German transistor. Przegl elektroniki 3 no.6:
318-322 Je '62.

1. Zaklad Elektroniki, Instytut Podstawowych Problemow Techniki,
Polska Akademia Nauk, Warszawa.

Type: fast-switching silicon diode, type DS-50

SOURCE: Przeglad elektroniki, no. 6, 1964, 261-2's

TYPE: fast-switching silicon diode, fast switching silicon diode, silicon
diode, small germanium diode, small germanium diodes

TYPE: fast switching silicon diode, fast switching silicon diode, silicon
diode, small germanium diode, small germanium diodes

"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001961710013-2

Card 1/2

APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001961710013-2"

ARTICLE: 018

ASSOCIATION: none

SUBMITTED: 07Feb64

ENCL: 00

SUB CODE: EC

NO 1000

VERB: 000

Card 2/2

ANDRELOWICZ, Mikolaj; WOJCIK, Ireneusz

POLAND

Department of Electronics (Zaklad Elektroniki)
IPPT [Institute for Basic Technical Problems;
Instytut Podstawowych Problemów Technicznych]
- (for both)

Warsaw, Przeglad Elektroniki, No 4, April 1966,
pp 166-174

BERAK, Jozef M; GUCZALSKI, Romuald; WOJCIK, Jerzy; ZALWERT, Stefan

Synthesis of butadiene from ethylalcohol. I. The mechanism, thermodynamics and catalysts of the reaction. Przem chem 41 no.2:80-84 F '62.

1. Zaklad Naukowo-Badawczy, Zaklady Chemiczne, Oswiecim

BERAK, Jozef, M.; GUCZALSKI, Romuald; WOJCIK, Jarsy; ZALWERT, Stefan

Upgrading of Polish made bentonite by acid treatment. Przem chem
39 no.9:573-575 S '60.

1. Zaklad Naukowo-Badawczy, Zaklady Chemiczne, Oswiecim.

BERAK, Jozef M.; GUCZALSKI, Romuald; WOJCIK, Jerzy

Synthesis of butadiene from ethyl alcohol. Pt. 4. Influence
of SiO₂ upon the decomposition temperature of magnesium hydroxide.
Przem chem 41 no.5:271-274. My '62.

CABEJSZEK, Irena; RYBAK, Maria; SZULINSKI, Stanislaw; WOJCIK, Jozef

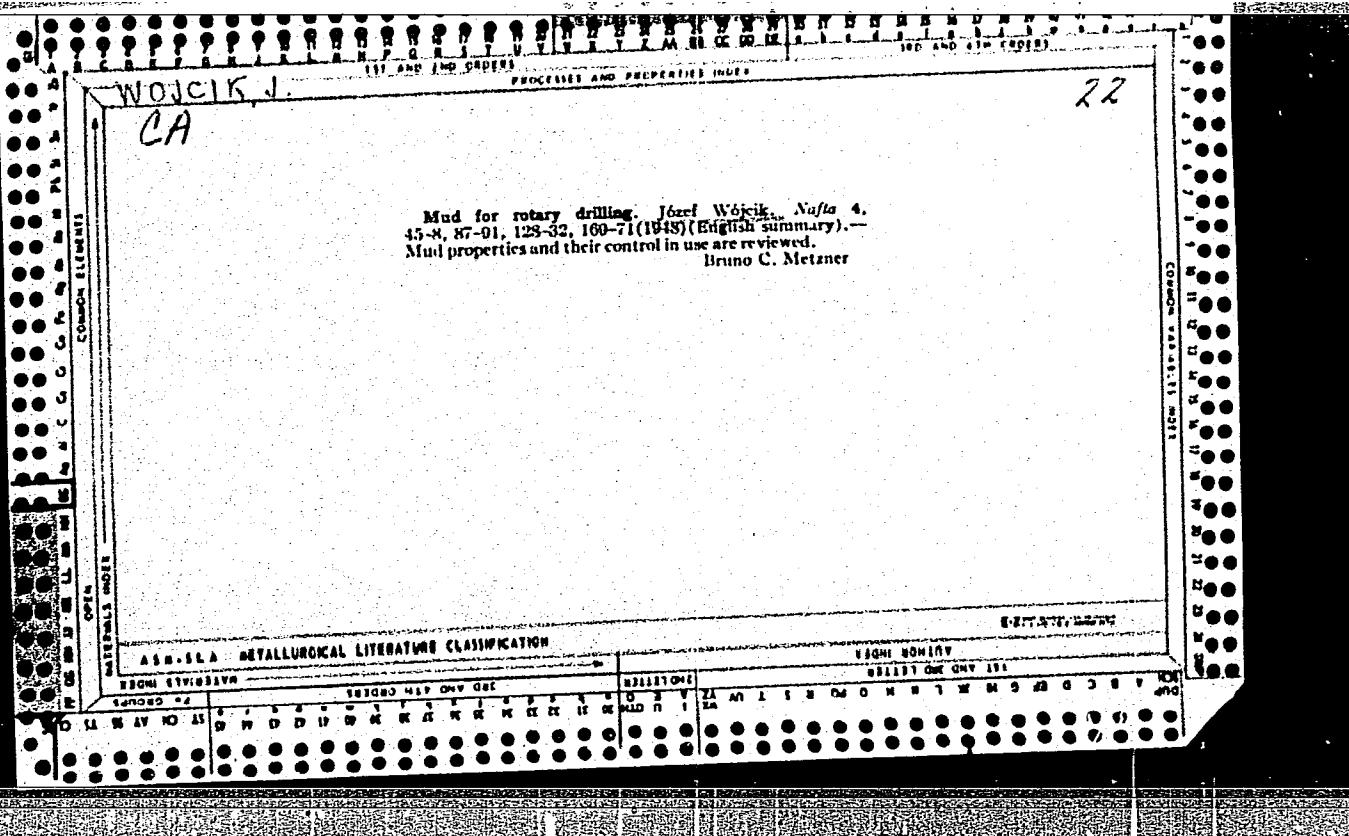
Attempt to determine permissible levels of metoxychlorine in water. Roczn. panstw. zakl. hig. 14 no.4:345-354 '65.

1. Z Zakladu Higieny Komunalnej Panstwowego Zakladu Higieny i z Katedry Higieny Osiedli AM w Warszawie (Kierownik: prof. dr. J. Just).

WOJCIK, J.

Study on the incorporation of S35-labeled sodium sulfate in the cartilage of the axolotl. Folia morph. (Warsz) 24 no.1:77-82 '65.

1. Z Zakladu Histologii i Embriologii Akademii Medycznej w Warszawie (Kierownik: doc. dr. K. Ostrowski).



WOJCIK, J.

5

Properties & Data

Austenitic Cast Iron. J. Wojciek, J. Gospior, and M. Pachowski. (*Przeglad Odlewniczy*, 1951, 1, Nov., 311-317). [In Polish]. The general characteristics of austenitic cast iron, the technology of its manufacture, its structure, mechanical properties, machinability, and resistance to high temperatures are described.—V. O.

Journal of the Institute of Petroleum
Vol. 40 No. 362
Feb. 1954
Oilfield Exploration and Exploitation

140. On experiments in drill pipe strength. J. Wojcik.
Nauka (Krakow), 1953, 9, 7-8, 32-4. To increase rate of drilling greater stresses must be applied to drill pipe. With increased vibrations failures may occur. These depend on mechanical resistance of joints, quality of pipe surface, and the kind of medium in which it is working (its pH). Although automatic rejection of pipe after prescribed metrage can be employed, it is wasteful, and periodical inspection is preferable; simple methods include visual inspection, pressure test, and measuring of pipe thickness, more complicated are: magnetic, inductive, by γ rays, supersonic, and optical. As general precautionary measures author stresses the importance of careful transportation, correct drilling methods, regular changes in the position of each pipe (rotation), and periodical inspection.

M. B.
5-11-58

WNAKA, J.

Polish Technical Abst. 2370
No. 4, 1953
Mining

622.24.053:620.17

Wojcik J. Drill Pipe Strength Experience.

Z doswiadczen nad wybrzynaloscia przewodu wiertniczego.

Nafta. No. 1, 1953, pp. 7-9, No. 2, 1953, pp. 32-34, 1 fig.
The strength of drill pipes is the decisive factor in
boring progress. Drill pipes are susceptible during
the boring process to fluctuating stresses which lead to
fatigue and diminished strength in the flusing pipes
and, ultimately, to their disruption. The author
analyses the causes of diminished strength in drill
pipes, and divides them into mechanical causes and
such others as are influenced by the condition of
pipe surfaces, and by the nature of the soil in which
they are working. He also described methods of
examining for wear, flushing pipes--both simple and
complex--by means of sensitive devices such as are used
in magnetic, ultrasonic, optical, gamma-ray and other
methods of testing. Instructions to be observed with
a view to ensuring, without incurring the risk of
damage, the longest life in drilling pipes.

WOJCIK, J.

The production and utilization of spheroidal cast iron in the German Federal Republic. p. 76. (Przeglad Odlewnictwa, Vol. 7, No. 3, Mar 1957, Krakow, Poland)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001961710013-2

WooCIR, 5.

Approved for Release under the Freedom of Information Act
by [redacted] Pursuant to [redacted]



APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001961710013-2"

WOJCIK J.

WOJCIK, J., AND OTHERS.

Rotary and churn drilling in the Carpathian Mountains.

p. 240 (Nafta) Vol. 13, No. 9, Sept. 1957, Krakow, Poland

BERAK, Jozef, dr.inz.; GUCZALSKI, Romuald, mgr.; WOJCIK, Jerzy, mgr.; ZALWERT, Stefan, mgr.

Bentonites. Wiad chem 14 no.11:693-716 N '60.

1. Kierownik Laboratorium Syntezy Monomerow, Zaklad Naukowo-Badawczy, Zaklady Chemii Organicznej, Oswiecim (for Berak)
2. Starsi inzynierowie Laboratorium Syntezy Monomerow, Zaklad Naukowo-Badawczy, Zaklady Chemii Organicznej, Oswiecim (for Guczalski and Wojcik)
3. Kierownik Pracowni Badan Strukturalnych, Laboratorium Syntezy Monomerow, Zaklady Chemii Organicznej, Oswiecim. (for Zalwert).

BERAK, Jozef M.; GUCZALSKI, Romuald; WOJCIK, Jerzy; ZALWERT, Stefan

Butadiene synthesis from ethyl alcohol. Pt. 1. Mechanism,
thermodynamics, and catalizers of the reaction. Przem chem
41 no.2:80-84 F '62.

1. Zaklad Naukowo-Badawczy, Zaklady Chemiczne, Oswiecim.

BERAK, Jozef M.; GUCZALSKI, Romuald; WOJCIK, Jerzy; ZALWERT, Stefan

Synthesis of butadiene from ethyl alcohol. II.: Investigation of the activity of the B-4 catalyst. Przem chem 41 no.3:130-133 Mr '62.

1. Zaklad Naukowo-Badawczy ZCh Oswiecim

BERAK, Jozef M.; GUCZALSKI, Romuald; WOJCIK, Jerzy

Synthesis of butadiene from ethyl alcohol. Pt. 3.
Influence of bentonite upon the quality of the catalyster.
Przem chem 41 no.4:190-191 Ap '62.

1. Zaklad Naukowo-Badawczy Zakladow Chemicznych, Oswiecim.

BERAK, Jozef M.; GUCZALSKI, Romuald; WOJCIK, Jerzy

A new basis of testing the activity of butadiene catalysts. Przem
chem 41 no.6:300-302 Je '62.

1. Zaklad Naukowo-Badawczy, Zaklady Chemiczne, Oswiecim.

BERAK, Jozef, M.; GUCZALSKI, Romuald; WOJCIK, Jerzy

Influence of carbonate upon the properties of the $Mg(OH)_2-SiO_2$ system. Przem chem 41 no.7:380-382 Jl '62.

1. Zaklad Naukowo-Badawczy, Zaklady Chemiczne, Oswiecim.

BERAK, Jozef M.; GUCZALSKI, Romuald; WOJCIK, Jerzy; ZALWERT, Stefan

Cation exchange and thermal treatment and their influence upon
the rehydration property of montmorillonite from Kielce. Przem
chem 41 no.12:692-695 D '62.

1. Laboratorium Katalizy Zakladu Naukowo-Badawczego, Zaklady
Chemiczne, Oswiecim.

WOJCIK, Jozef, mgr inz.

Problems of the air drilling fluid. Nafta 20 no.11:294-
298 N '64.

1. Department of Geology and Petroleum, Ministry of Mining and
Power Engineering, Warsaw, and Petroleum Institute, Krakow.

CABEJSZEK, Irena; RYBAK, Maria; STYCZYNSKI, Bohdan; WOJCIK, Josef

Studies on determining the permissible dose of aldrin in water.
Rocznik zakl. hig. no.5:503-512 '64.

1. Department of Communal Hygiene of the State Institute of Hygiene,
and Department of Hygiene of Suburbs of the School of Medicine, Warsaw.
Head: prof. J. Just.

MISCHKE, Kazimierz, mgr., inz.; HOLANSKI, Zygmunt, inz.; PTAK, Marian,
mgr., inz.; WOJCIK, Jozef, mgr., inz.; ZECHENTER, Jan, mgr.inz.

A Preliminary instruction on cementing. Prace Inst naft no.69:13-
26 '61.

WOJCIK, Jozef

Testing the efficiency of concrete lining of tubes in petroleum
drilling. Wiad naft 11 no.2:29-33 F '65.

WOJCIK, Jozef

The code on deontology is an important problem. Farmacja Pol
18 no.1:7 Ja '62.

WOJCIK, JERZY

Distr: 4E2c(m)

6
MJC(JD)

Effect of the presence of silica on the decomposition temperature of the system $\text{Mg}(\text{OH})_2/\text{MgCO}_3$. Izaak Berak, Romuald Cuczalski, Jerzy Wójcik, and Stefan Zalwert (Sci. Research Inst., Auschwitz, Poland). *Prirodny Chemiczny*, 39, 297-84 (1980). — The effect of the molar ratio $\text{Mg}(\text{OH})_2/\text{MgCO}_3$ on the temp. of decompn. of the system.

Z. Arvin Zappert

POLAND/Safety Engineering - Sanitary Engineering. Sanitation. L.

Abs Jour : Ref Zhur - Khimiya, No 2, 1957, 7020

Author : Brzozowzki, J., Czajka, J., Dutkiewicz, T., Kesy, I.,
Inst Wojcik, J.

Title : Labor Hygiene and State of Health of Workers in the
Control of Potato Leaf Beetle by the Use of Hyxachlorocyc-
lohexane and Dichlorethane.

Orig Pub : Med. pracy, 1954, 5, No 2, 89-98

Abst : Study of the deleterious effects on man of HCCH and di-
chloroethane (I) used in agriculture to control potato
leaf beetle. Various clinical symptoms of intoxication
were found in 70% of people exposed to I and in 66% of
those exposed to HCCH. Investigations of the ambient
air showed that the HCCH content in the air was on the
average of 0.12 mg/liter, and that of I 0.016 mg/liter,
that is, below the specified hygienic norms. Tt. +s

POLAND/Safety Engineering - Sanitary Engineering. Sanitation.

L.

Abs Jour : Ref Zhur - Khimiya, No 2, 1957, 7020

recommended to mechanize the field operations, require a preliminary medical examination of the workers, ensure their outfitting with protective clothing and improve sanitary education.

Card 2/2

WCJCIK, J.; LICZBINSKI, W.; JANKOWSKI, K.

"What They Are Saying About The 1st Polish Parachute Contest", p. 727,
(SKRZYDŁA POLSKA, Vol. 10, No. 46, November 1954, Warsaw, Poland)

SO: Monthly List of East European Accessions (EPAL), LC, Vol. 4, No. 3,
March 1955, Uncl.

WOJCIK, J.; LICZBINSKI, W.; JANKOWSKI, L.

"Airplanes Constructed in People's Poland; IS-7 CCA", p. 727, (SKRZYDŁA
POLSKA, Vol. 10, No. 46, November 1954, Warsaw, Poland)

SO: Monthly List of East European Accessions (EHAL), LC, Vol. 4, No. 3,
March 1955, Uncl.

WOJCIK, J.

WOJCIK, J. The influence of relative humidity on technical properties of cartographic paper. P. 459. Vol. 12, no. 12, Dec. 1956.
PRZEGLAD GEODEZYJNY. Warszawa, Poland.

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4--April 1957

WOJCIK, J.

Seasoning of cartographic paper and conditioning the working premises.

P. 25 (PRZEGŁAD GEODEZYJNY) Poland, Vol. 13, No. 1, Jan. 1957

SO: Monthly Index of East European Accessions (AEEI) Vol. 6, No. 11, November 1957

33734

P/014/62/041/002/001/001
D204/D303

11.2211

AUTHORS: Berak, Józef, M., Guczalski, Romuald, Wójcik, Jerzy,
and Zalwert, StefanTITLE: Synthesis of butadiene from ethyl alcohol, I. Mechanism,
thermodynamics and catalysts

PERIODICAL: Przemysł chemiczny, v. 41, no. 2, 1962, 80 - 84

TEXT: A brief historical account, based on Soviet and Western work
is first given of the Lebedev single-stage process for the synthesis
of butadiene: $2C_2H_5OH \rightarrow C_4H_6 + H_2 + 2H_2O$ (Eq. 1), stressingthe importance of the choice of catalyst on the yield. Earlier studies of the complex mechanism of this reaction are then described, accepting the conclusions of Gorin (Ref. 11: Trudy VNIISK, 1, 5, 1948). The first stage is thought to be the dehydrogenation: $CH_3 - CH_2OH \rightarrow CH_3 - CHO + H_2$ (Eq. 2), followed by condensation of the acetaldehyde: $2CH_3 - CHO \rightarrow [CH_3 - CHO - CH_2 - CHO] \rightarrow CH_3 - CH =$

Card 1/3

3373h

P/014/62/041/002/001/001

D204/D303

Synthesis of butadiene from ethyl ...

$\text{CH}_3\text{CHO} + \text{H}_2\text{O}$ (Eq. 3). The C = O group in crotonaldehyde is then hydrogenated with H₂ removed from the ethanol: $\text{CH}_3 - \text{CH} = \text{CH} - \text{CHO} + \text{CH}_3 - \text{CH}_2\text{OH} \rightarrow \text{CH}_3 - \text{CH} = \text{CH} - \text{CH}_2\text{OH} + \text{CH}_3 - \text{CHO}$ (Eq. 4). Finally, dehydration and isomerism yields butadiene: $\text{CH}_3 - \text{CH} = \text{CH} - \text{CH}_2\text{OH} \rightarrow \text{H}_2\text{O} + \text{CH}_2 = \text{CH} - \text{CH} = \text{CH}_2$ (Eq. 5). The present authors' contribution consists of calculating equilibrium constants (K_p) for Eqs. 1 - 5, for 300, 400, 500, 600, 700, 800 and 1000°K. K_p's for Eqs. 1 - 2 were calculated by the method of Ulich (Ref. 35; M. Karapetyans, Khimicheskaya termodinamika (Chemical Thermodynamics), Moscow, 1949), from the heats of reaction and entropy changes at 298°K. K_p's for Eq. 3 - 5 were computed by the method of Bremner and Thomas (Ref. 36; Trans. Far. Soc. 44, 230, 1948), from the thermodynamic potentials. The values are tabulated, the authors stating that the choice of the optimum temperature for the process would depend on kinetic factors. In the remainder of the article the authors review the work done outside the USSR, concerned with the catalysts. It is concluded that the best choice would be MgO and SiO₂, the

Card 2/3

3373h

P/014/62/041/002/001/001
D204/D303

Synthesis of butadiene from ethyl ...

exact properties depending on the method of preparation and on additives. A high activity catalyst, B-4, developed at the Zakład naukovo-badawczy ZCh Oświęcim (Scientific Research Institute of the Chemical Works Oświęcim) will be described in Pt. II of this work. There are 1 figure, 1 table and 57 references: 37 Soviet-bloc and 20 non-Soviet-bloc. The 4 most recent references to the English-language publications read as follows: J. Bremner and G. Thomas, Trans. Far. Soc., 44, 230, 1948; H. Jones, E. Stanly and B. Corson, J. Am. Chem. Soc., 71, 1822, 1949; B.B. Carson, H.E. Jones, C.E. Welling, J.A. Hinckley and E.W. Stanly, Ind. Eng. Chem., 42, 359, 1950; G.S. Whitby, Synthetic Rubber, New York, 1954. ✓

ASSOCIATION: Zakład naukovo-badawczy ZCh Oświęcim (Scientific Research Institute of the Chemical Works, Oświęcim)

Card 3/3

WOJCIK, J.; OZGA, J.

Chocianow machine tools at the 28th Poznan International Fair. p. 250.

MECHANIK. Warszawa, Poland. Vol 32, no. 5, May 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 9, no. 2, Feb. 1960.
Uncl.

WOJCIK, Krystyna

SKRODZKI, Eugeniusz; TOMASZUNAS, Stanislaw; WOJCIK, Krystyna; HRYNIEWICZ,
Henryk

Tularemia in the Szczecin Voievodship. IV. Investigation on
tularemia in the field rodents. Przegl. epidem., Warsz. 8 no.3:
173-178 1954.

1. Państw. Inst. Medycyny Morskiej i Tropikalnej, Ponstw. Zakł.
Higieny, Instytut Medycyny Pracy Wsi
(TULAREMIA, epidemiology
in Poland; tularemia in rodents)
(RODENTS, diseases
tularemia, epidemiol. in Poland)

WOJCIK, KRYSYNA

SXODZKI, Eugeniusz; WOJCIK, Krystyna

The course of experimental tularemia in hares. Przegl. Epidemiol.,
Wrzes. 8 no.3:185-188 1954.

1. Instytut Medycyny Morskiej i Tropikalnej w Gdansku
(TULAREMIA, experimental
in hares)

SKRODZKI, E.; TOMASZUNAS, S.; WOJCIK, K.; HRYNIEWICZ, H.

Mass bacteriological investigations of rodents in areas of outbreaks of tularemia. Bull. Inst. Marine Trop. M.Gdańsk 6:37-44 1955.

1. Z Państwowego Instytutu Medycyny Morskiej i Tropikalnej w
Gdańsku i Instytutu Medycyny Pracy Wsi w Lublinie.

(TULAREMIA, transmission,
rodents, mass bacteriol. exam. of rodents in endemic areas)
(RODENTS,
bacteriol. exam. in endemic areas of tularemia)

SKRODZKI, E.; WOJCIK, K.

Tularemia in hares. Bull. Inst. Marine Trop. M.Gdańsk 6:55-60 1955.

l. Z Państwowego Instytutu Medycyny Morskiej i Tropikalnej w
Gdańsku.

(TULAREMIA, experimental,
in hares)

(RABBITS,
hares, exper. tularemia in)

Country : Poland F
Category :
Abs. Jour : 45684
Author : Gorski, L. and Wojcik, K.
Institut : Not given
Title : Description of Apparatus for the Quantitative Analysis of Electrophoregrams
Orig Pub. : Chem Analit, 3, No 2, 137-146 (1958)
Abstract : The authors have reviewed existing apparatus and describe the construction of a device (D) of their own design for the quantitative analysis of electrophoregrams (EP). Two variants of the D have been developed using different directions of illumination of the EP (from above and from below). The light source used consists of a NaE-24 sodium lamp mounted on a ruler with a scale which can be moved along the EP by means of a simple device (used with drafting tables).

Card: 1/2

Country :	Poland	F
Category :		
Abs. Jour :		45684
Author :		
Institut. :		
Title :		
Orig Pub. :		
Abstract :	The construction of the D incorporates a number of parts used in the Lange photoelectric colorimeter: selenium photocells, an iris diaphragm, a milliammeter, etc.. The graph giving the dependence of the extinction on the distance is constructed semiautomatically in 3-4 min; about 5 min are required for the planimetric measurement. A certain element of subjectivity in the method is noted in connection with the construction of the Gauss curves.	

Ya. Satunovskiy

Card: 2/2

EWY, Z.; WOJCIK, K.

Studies on hemoglobin types in animals. Acta physiol.polon.11
no.5/6:693-694 '60.

1. Z Katedry Fizjologii Zwierząt W.S.R. w Krakowie. Kierownik:
prof.dr Z.Ewy.
(HEMOGLOBIN)

EWY, Zygmunt; WOJCIK, Kazimierz

Studies on animal hemoglobin types. Acta physiol pol 12 no.3:441-
449 '61.

1. Z Katedry Fizjologii Zwierząt W.S.R. w Krakowie Kierownik: prof.
dr Z. Ewy.
(HEMOGLOBIN)

WOJCIK, Kazimierz; KOLCZAK, Tadeusz

Paper electrophoresis and alkaline denaturation of hemoglobin from Holstein-Friesian calves and cows. Acta physiol. polon. 13 no.2: 307-314 '62.

1. Z Katedry Fizjologii Zwierząt WSR w Krakowie Kierownik: prof. dr Z. Ewy.

(ELECTROPHORESIS) (HEMOGLOBIN) (CATTLE blood)